TracXP™
Industrial Gas Solutions
by Macurco
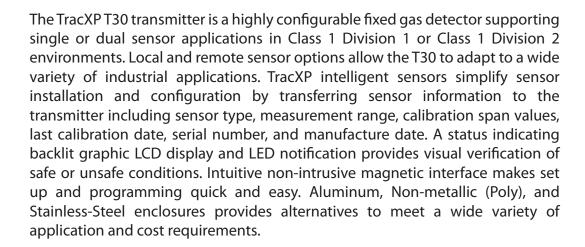
TXP-T30

Fixed Single or Dual Sensor Gas Monitor

TXP-T30
Aluminum Housing

TXP-T30
Poly Housing

TXP-T30
Aluminum Dual Sensor

The TracXP T30 transmitter is a highly configurable fixed gas detector supporting single or dual sensor applications in Class 1 Division 1 or Class 1 Division 2 environments. Local and remote sensor options allow the T30 to adapt to a wide variety of industrial applications. TracXP intelligent sensors simplify sensor installation and configuration by transferring sensor information to the transmitter including sensor type, measurement range, calibration span values, last calibration date, serial number, and manufacture date. A status indicating backlit graphic LCD display and LED notification provides visual verification of safe or unsafe conditions. Intuitive non-intrusive magnetic interface makes set up and programming quick and easy. Aluminum, Non-metallic (Poly), and Stainless-Steel enclosures provides alternatives to meet a wide variety of application and cost requirements.

Key Features

- Certified for Class 1, Div. 1 or Div. 2
- Backlit graphic LCD display
- Displays gas values, units, trend graph and alarm levels
- LED alarm status indication
- Dual sensor capable
  - Channel 1 accepts oxygen and toxic sensor inputs
  - Channel 2 is suitable for catalytic bead or infrared sensor inputs
- Supports remote sensor applications
- 3 configurable 5A relays (Optional)
- Modbus® output (Optional)

Applications

- Oil & Gas
- Pipeline compression
- Refining & chemical production
- Water / waste water treatment plants
- Food & beverage facilities
- Metal manufacturing
- Pulp & paper
- Power generation
- General industry

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TXP-T30

Specifications

Detector Specifications

Size	5"(L) x 5.4"(W) x 8"(H) Aluminum Housing
	4"(L) x 5"(W) x 7"(H) Poly Housing
Shipping Weight	6.5 lbs. (3 k.) Aluminum Housing
	3 lbs. (2 k.) Poly Housing
Power Supply	10-30 VDC at < 10 watts with relay board (All relays energized)
Input	Channel 1: Electrochemical toxic & Oxygen sensors
	Channel 2: Catalytic Bead & (Bridge) Infrared sensor
Standard Output	Dual 3-wire 4-20 mA current source (Max Loop resistance is 750 ohms with nominal 24 VDC power supply)
Optional Output	Dual Isolated 4-20mA current source (Max Loop resistance is 650 ohms with nominal 24 VDC)
	Modbus® slave ports (Optional)
Optional Relays	3 Programmable 5A Relays (Optional)
Display	Backlit 64 x 128 Pixel LCD With User Selectable Engineering units, 30-Minute Trend, and Bar Graph Display Options
Temperature	-40°F to 140°F (-40°C to +60°C) *See Sensor Limitations
Humidity	IR Sensor - 95% RH Non-condensing
	Electrochemical Sensor- 85% RH Non-condensing
IP Rating	Cast Aluminum Enclosure: IP65 w/88-C200-0002-00 or 88-C200-0003-00
	Black Poly Enclosure: Suitable for IP54
Approvals	Cast Aluminum Enclosure: Explosion-Proof Cl.1 Div.1 Gr ABCD w/88-C200-0002-00 Sensor Housing Non-Incendive Cl.1 Div.2 Gr ABCD w/88-C200-0002-00 or 88-C200-0003-00 Sensor Housing
	Black Poly Enclosure: Non-Incendive Cl.1 Div.2 Gr ABCD**

Sensor Options*

Gas Options

Ammonia (NH_3)	Hydrogen (H_2)
Carbon Dioxide (CO_2) (IR)	Hydrogen Sulfide (H_2S)
Carbon Monoxide (CO)	Nitric Oxide (NO)
Chlorine (Cl_2)	Nitrogen Dioxide (NO_2)
Chlorine Dioxide (CLO_2)	Oxygen (O_2)
Combustibles (Cat Bead)	Ozone (O_3)
Combustibles (IR)	Sulfur Dioxide (SO_2)

Accessories*

Part Number	Description
88-2109-0000-10	Remote Sensor Assembly, Aluminum, S.S. Sensor Head C1D1 (Non-reactive Sensor)
88-2109-0000-20	Remote Sensor Assembly, Aluminum, S.S. Sensor Head C1D2 (Reactive Sensor)
88-2309-0000-30	Remote Sensor Assembly, Poly, C1D2
88-2000-0040-00	Relay (3) 5A / RS-485 Modbus® Board
88-C20S-0000-00	Sensor Head Flow Cell Adapter[1]
88-C50G-0000-00	Splash Guard W/Calibration Port[1]
88-C50P-0000-00	Sensor Head Flow Cell, Cover Only[2]
88-C200-0000-0D	Universal Duct Mount Kit
88-C50P-0000-00	Sensor Head Cal-Adapter[1]
88-C000-0000-02	Large Magnetic Wand, AL/SS Transmitters
88-C000-0000-01	Small Magnetic Wand, Poly Transmitters

[1] Compatible with Stainless Steel Sensor Housing
[2] Compatible with Poly Sensor Housing

*Please contact your TracXP representative for additional gas type, sensor range, and accessories
**Excludes Catalytic Bead sensors

Represented By:

ISO 9001:2015 CERTIFIED